

Full-Size SERIES 380 Modular General Purpose Filters

FD380 Models Port Sizes: 3/8, 1/2, 3/4

Available Color Caps



Model Shown: FD380-6

- ◆ Modular or inline mounting.
- ◆ 5- μ m-rated polyethylene filter element; optional 40- μ m element.
- ◆ Polycarbonate plastic bowl with steel shatter-guard; optional metal bowl with sight glass.
- ◆ Internal automatic drain; optional manual drain, internal float drain, Hydro-Jector drain, or Warrior electronic drain.
- ◆ NPTF port threads; optional BSPP threads.

SPECIFICATIONS

Ambient/Media Temperature:

Plastic Bowl, all drain types: 40° to 125°F (4° to 52°C).
Metal Bowl, manual & auto drains: 40° to 175°F (4° to 79°C).
Metal Bowl, float drains: 40° to 150°F (4° to 66°C).

Body:

Die-cast zinc.
Bowl: 9-Ounce (270-ml) capacity polycarbonate plastic with steel shatterguard; optional aluminum bowl with clear nylon sight glass.

Bowl Drain: Internal automatic drain; by removing the adjustment knob, a 3/16" (5mm) flexible tube can be connected to the drain. Optional manual drain, Internal float drain, Hydro-Jector drain, or Warrior electronic drain.

Bowl Ring:

Nylon.

Cap Color:

Grey. Yellow, red, and blue optional.
Differential Pressure Gauge: Optional.

Filter Element:

5- μ m-rated polyethylene; optional 5- μ m, 20- μ m sintered bronze. or 40- μ m polyethylene
Fluid Media: Compressed air.

Inlet Pressure:

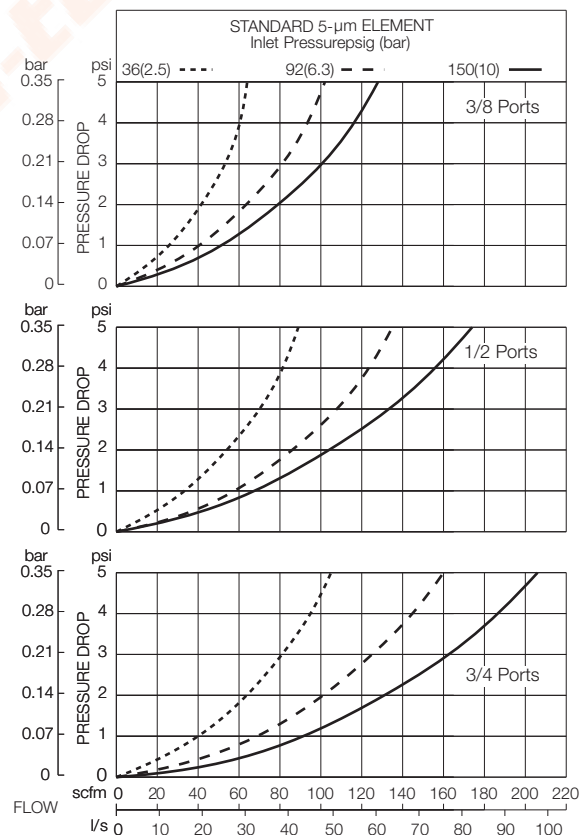
Minimum: 15 psig (1 bar) with automatic drain, 30 psig (2 bar) with internal float drain.

Plastic bowl: 150 psig (10 bar).
Metal bowl: 200 psig (14 bar).

Seals:

Nitrile

FLOW CHARTS (5- μ m element)



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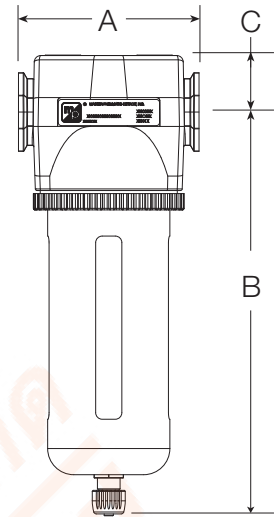
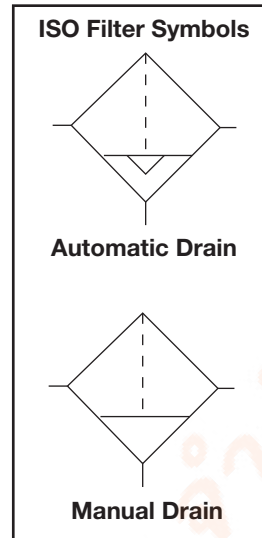
DIMENSIONS inches (mm)

Bowl	A	B †	C	Depth	Weight lb (kg)
Plastic	3.5 (88)	7.7 (195)	1.1 (28)	2.9 (73)	2.13 (0.97)
Metal	3.5 (88)	7.6 (193)	1.1 (28)	3.1 (79)	2.13 (0.97)

† Bowl removal clearance: add 3.1 (79).

REPLACEMENT FILTER ELEMENT KITS

Element Rating	Kit Number
5-µm Polyethylene (Std element)	A115-106PE5
40-µm Polyethylene	A115-106PE3
5-µm Bronze	A115-106E5
20-µm Bronze	A115-106E4



ORDERING INFORMATION

Change the letters in the sample model number below to specify the filter you want.

BFD 380 - 3 Y W

BOWL AND DRAIN TYPE (Metal bowls contain a sight glass)

Plastic bowl, internal automatic drain	FD
Metal bowl, internal automatic drain	BFD
Plastic bowl, manual drain	F
Metal bowl, manual drain	BF
Plastic bowl, internal float drain (plastic stem)	F5A
Metal bowl, internal float drain (brass stem)	BF6A
Metal bowl, external Hydro-Jector drain	BFE
(LDC option is not needed; under OPTIONS)	
Metal bowl, warrior electronic drain	BF2A

DIFFERENTIAL PRESSURE GAUGE

No gauge	380
Large gauge	380L
Small gauge	380S
Large gauge with normally OPEN reed switch	380E
Large gauge with normally CLOSED reed switch	380E2

PORT SIZE

3/8 NPTF	3
1/2 NPTF	4
3/4 NPTF	6

PORT TYPE

NPTF threads	Leave blank
BSPF threads	W

OPTIONS (More than one option can be chosen. Add in alphabetical order.)

None Leave Blank

Cap color:

Grey	Leave Blank
MP yellow	C1
Red	C2
Mid blue	C3

Polyethylene filter element:

5-µm rating	Leave Blank
40-µm rating	E3

Bronze filter element:

5-µm rating	E5
20-µm rating	E4
No bowl drain	LDC

(1/4 NPT female port instead. Also use 'BF' option under BOWL AND DRAIN TYPE section.)

DIFFERENTIAL PRESSURE GAUGES



Large Dual Face Gauge
106-35



Small Slide Gauge
103-151



Large Dual Face Gauge
with Reed Switch
106-35E (Normally Open)
106-35EC (Normally Closed)



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